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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

SCR-580.1 DV II (91670)

First Inventor

M. Reza Ghadiri

Title

A Porous Semiconductor-Based Optical Interferom...

Express Mail Label

EV337100455US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Mail Stop Patent Application
Commissioner for Patents
P. O. Box 1450
Alexandria VA 22313-1450

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.

3. ☒ Specification [Total Pages **26**]
(preferred arrangement set forth below)
- Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure

4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets **5**]

5. Oath or Declaration [Total Pages **1**]
- a. ☐ Newly executed (original or copy)
- b. ☒ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
- i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6. ☒ Application Data Sheet. See 37 CFR 1.76

7. ☒ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a. ☒ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☒ Paper
- c. ☒ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
13. ☒ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: Prior Assignments and IDS Certificate of Express Mail

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) of prior application No.: See Data Sheet

Prior application information: Examiner Christopher ChinGroup / Art Unit: 1641

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

Customer Number:

or ☒ Correspondence address below

Name	Edward P. Gamson, Esq.				
	WELSH & KATZ, LTD.				
Address	120 South Riverside Plaza				
	22nd Floor				
City	Chicago	State	Illinois	Zip Code	60606
Country	Cook	Telephone	(312) 655-1500	Fax	(312) 655-1501

Name (Print/Type)

Edward P. Gamson, Esq.

Registration No. (Attorney/Agent)

29,381

Signature

Date

3/16/04


This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)			Docket No. (4583/91670)
Applicant(s): M. Reza Ghadiri			
Serial No. Unknown	Filing Date March 16 2004	Prior Examiner C.L. Chin	Prior Group Art Unit: 1641
<p>Title: A POROUS SEMICONDUCTOR-BASED OPTICAL INTERFEROMETRIC SENSOR</p> <p>Fee Transmittal for FY 2004 (1pg), Utility Patent Application Transmittal (1pg), Preliminary Amendment & Cert of Express Mailing (11pgs), Application Data Sheet (6pgs), Prior Declaration and Power of Attorney document, Prior Assignments and Recordation Cover Sheet, Prior Information Disclosure Statement, Prior Patent Application including Specification, 32 claims and abstract (26 pgs), 5 sheet of prior drawings (Figs. 1-4D), 5 Sheets of Substitute Formal drawings (Figs. 1-4D), Copy of prior Sequence Statement and prior Sequence List; Previous Response to Notice to Correct Sequence Listing in Prior Divisional Appln, Substitute Sequence Listing (2pgs) and Statement (2pgs), Computer readable disk with New Sequence List and Check No. 086272 in the amount of \$856.00 for 17 claims, and Return Postcard.</p> <p>is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Mail Stop Patent Application, Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-0001 on March 16, 2004.</p>			

John Rembert

(Typed or Printed Name of Person Mailing Correspondence)



(Signature of Person Mailing Correspondence)

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("Express Mail" Mailing Label Number)

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) \$856.00

Complete if Known

Application Number	Unknown
Filing Date	March 16, 2004
First Named Inventor	M. Reza Ghadiri
Examiner Name	Unknown
Art Unit	Unknown
Attorney Docket No.	SCR-580.1 DV II (91670)

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account:

Deposit Account Number 23-0920

Deposit Account Name WELSH & KATZ, LTD.

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
		1001	770	2001 385 Utility filing fee	770.00
		1002	340	2002 170 Design filing fee	
		1003	530	2003 265 Plant filing fee	
		1004	770	2004 385 Reissue filing fee	
		1005	160	2005 80 Provisional filing fee	
SUBTOTAL (1)					(\$)

2. EXTRA CLAIM FEES FOR UTILITY AND

Extra Claims	Fee from below	Fee Paid
Total Claims 16 -20** = 0 X 18.00 = 0.00		
Independent Claims 4 -3** = 1 X 86.00 = 86.00		
Multiple Dependent		

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description
		1202	18	2202 9 Claims in excess of 20
		1201	86	2201 43 Independent claims in excess of 3
		1203	290	2203 145 Multiple dependent claim, if not paid
		1204	86	2204 43 ** Reissue independent claims over original patent
		1205	18	2205 9 ** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) \$86.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
		1051	130	2051 65 Surcharge - late filing fee or oath	
		1052	50	2052 25 Surcharge - late provisional filing fee or cover sheet	
		1053	130	1053 130 Non - English specification	
		1812	2,520	1812 2,520 For filing a request for <i>ex parte</i> reexamination	
		1804	920*	1804 920* Requesting publication of SIR prior to Examiner action	
		1805	1,840*	1805 1,840* Requesting publication of SIR after Examiner action	
		1251	110	2251 55 Extension for reply within first month	
		1252	420	2252 210 Extension for reply within second month	
		1253	950	2253 475 Extension for reply within third month	
		1254	1,480	2254 740 Extension for reply within fourth month	
		1255	2,010	2255 1,005 Extension for reply within fifth month	
		1401	330	2401 165 Notice of Appeal	
		1402	330	2402 165 Filing a brief in support of an appeal	
		1403	290	2403 145 Request for oral hearing	
		1451	1,510	1451 1,510 Petition to institute a public use proceeding	
		1452	110	2452 55 Petition to revive - unavoidable	
		1453	1,330	2453 665 Petition to revive - unintentional	
		1501	1,330	2501 665 Utility issue fee (or reissue)	
		1502	480	2502 240 Design issue fee	
		1503	640	2503 320 Plant issue fee	
		1460	130	1460 130 Petitions to the Commissioner	
		1807	50	1807 50 Processing fee under 37 CFR § 1.17(q)	
		1806	180	1806 180 Submission of Information Disclosure Statement	
		8021	40	8021 40 Recording each patent assignment per property (times number of properties)	
		1809	770	2809 385 Filing a submission after final rejection (37 CFR § 1.129(a))	
		1810	770	2810 385 For each additional invention to be examined (37 CFR § 1.129(b))	
		1801	770	2801 385 Request for Continued Examination (RCE)	
		1802	900	1802 900 Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) _____

SUBMITTED BY

Name (Print/Type) Edward P. Gamsorn Essq.

Registration No. 29,381

Complete (if applicable)

Telephone (312) 655-1500

Signature

[Signature]

Date

03/16/04

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

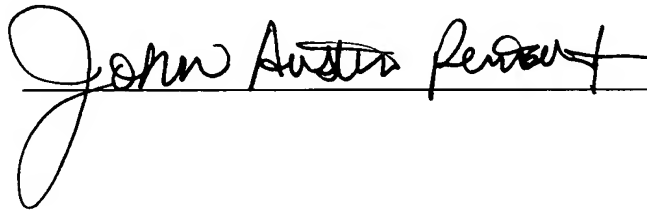
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Divisional Application -10-
of Serial No. 09/795,533

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CERTIFICATE OF EXPRESS MAILING

I hereby certify that this Preliminary Amendment and it's stated enclosures, including Patent Application Transmittal Letter and its stated enclosures, Patent Application and filing fee are being deposited with the United States Postal Service as Express Mail Label No. EV337100455US, postage prepaid in an envelope addressed to: Mail Stop: PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on March 16, 2004.

A handwritten signature in black ink, reading "John Austin Perdue", is written over a horizontal line.